

**CHANGHONG**

—Creating Easy Life—

**FROST FREE REFRIGERATOR**

**USER'S MANUAL**

**FTM520R02SD**

**FTM519R02WD**

**Please read the manual carefully before operation and keep it for reference.**

## **IMPORTANT SAFETY INFORMATION**

### **ELECTRICAL REQUIREMENTS**

This appliance must be grounded. IN the event of electrical short circuit, grounding reduces the risk of electrical shock by providing an escape wire for the electrical current.

This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

### **IMPORTANT WARNING**

An empty refrigerator can pose a threat to children.

To render the unit harmless we strongly recommend removing the door prior to disposal.

**DANGER:** Risk of child entrapment. Before you throw away your old refrigerator or freezer.

- Take off the doors
- Leave the shelves in place so that children may not easily climb inside.

**WARNING-**Improper use of the grounding plug can result in a risk of electric shock. Consult a qualified electrician or serviceman if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

### **DO NOT USE AN EXTENSION CORD**

Use an exclusive wall outlet. Do not connect your refrigerator to extension cords or together with any other appliance in the same wall outlet.

## **INSTALLATION INSTRUCTIONS**

Remove exterior and interior packings, wipe the outside thoroughly with a soft dry cloth and the inside with a wet, lukewarm cloth. Avoid placing the unit in a narrow recess or near any heat source, direct sunlight, or moisture. Let air circulate freely around the unit. Keep the rear of the refrigerator 5 inches away from the wall.

### **Location**

- 1) Select a place with a strong, level floor.
- 2) Allow 5 inches of space between the back of the refrigerator and any adjacent wall.
- 3) Avoid direct sunlight and heat. Direct sunlight may affect the acrylic coating. Heat sources nearby will cause higher electricity consumption.

The refrigerating system in this refrigerator is a "Frost Free" system. This type of system requires no user intervention (i.e. defrosting) other than selecting required cooling temperatures and the usual care and maintenance.

To avoid vibration, the unit must be set level. This is accomplished by adjusting the front leveling leg, located under the refrigerator.

### **NOTES:**

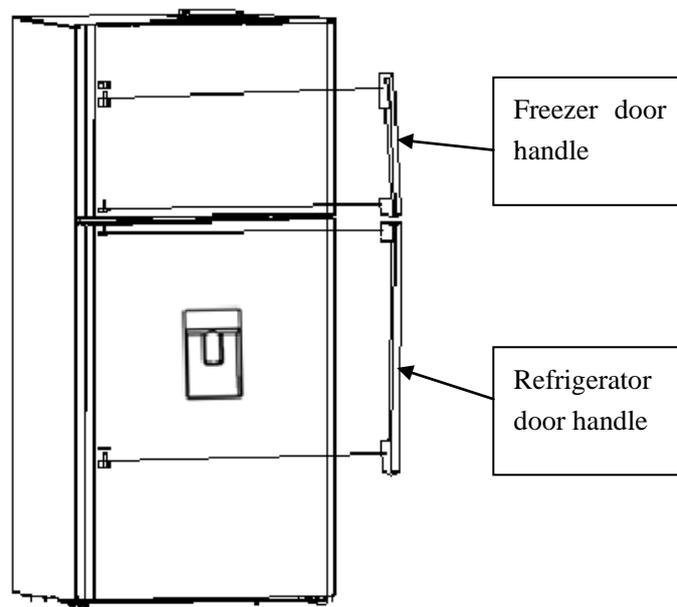
- This appliance is intended for FREE-STANDING INSTALLATION ONLY, and is NOT intended to be built-in.

- Before connecting this appliance to electrical power supply, leave it to stand for approx.24 hours,which will reduce the possibility of malfunction in the cooling system due to transport handling.
- This appliance is approved for INDOOR USE ONLY and is NOT intended for outdoor operation.

**NOTE:**

IF THE UNIT IS UNPLUGGED,HAS LOST POWER, OR IS TURNED OFF, YOU MUST WAIT 3 TO 5 MINUTES BEFORE RESTARTING THE UNIT. IF YOU ATTEMPT TO RESTART BEFORE THIS TIME DELAY,THE REFRIGERATOR-FREEZER WILL NOT START.

### Door handle installation

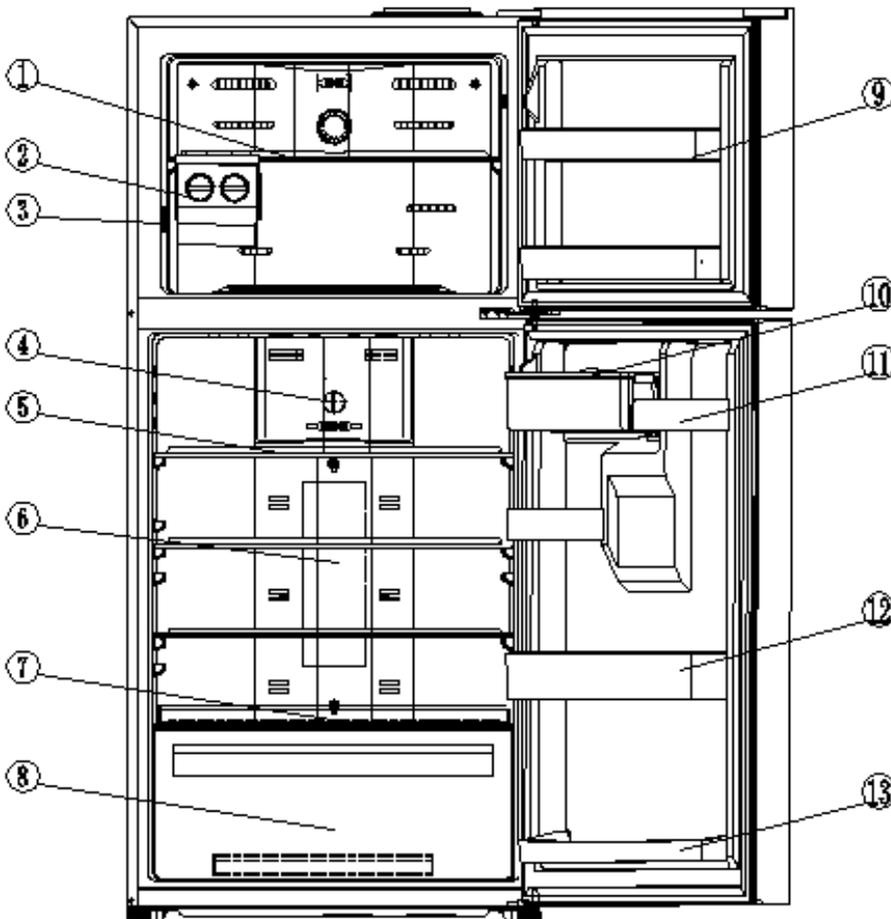


Separately set the two end covers handle in the handle seats of the freezer door, then press the door handle on the door and push down with too much force. Then gently support upwards with hands to check the handle whether fall off or not. Installing the refrigerator door handle is using the same methods.

Note: The door handle cannot be reversed when installing, or it cannot be fixed up.

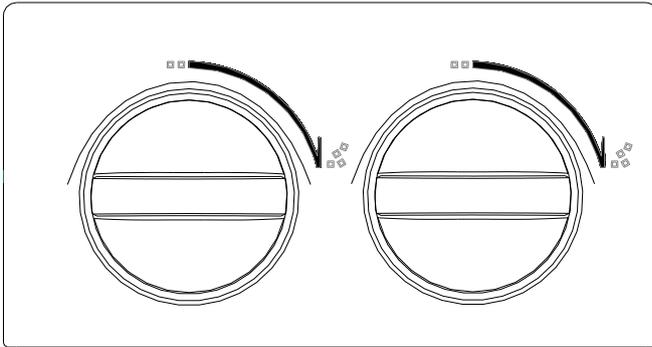
## FEATURES

- 1) REFREEZER SHELVES
- 2) ICE CUBE TRAY
- 3) FREEZER TEMPERATURE CONTROL
- 4) REFRIGERATOR TEMPERATURE CONTROL
- 5) REFROGERATOR SHELVES
- 6) LLED LAMP
- 7) CRISPER COVER
- 8) CRISPER
- 9) FREEZER DOOR RACK
- 10) STORE THE KETTLE COMPONENTS
- 11) REFRIGERATOR DOOR UPPER RACK
- 12) REFRIGERATOR DOOR MIDDLE RACK
- 13) REFRIGERATOR DOOR BOTTOM RACK



## ICE CUBE TRAY

- (1) To make ice, pull the ice tray out, pour cool water into the trays until the water reaches to 3/4 high position of trays. Then pull the cube in again. To shorten the time of making ice, you can set the temperature control knob at the position "colder".
- (2) After finished, gently twist the ice tray knob, and the ice cubes will drop into the ice storage box, pull out the box and get the ice cubes.

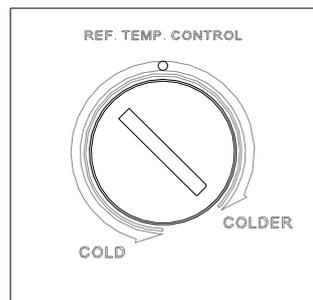
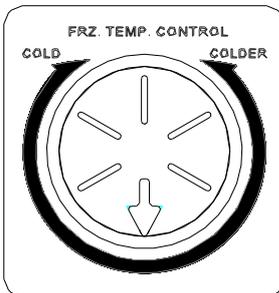


## OPERATING INSTRUCTIONS

### TEMPERATURE CONTROLS

Your refrigerator has a separate control for regulating the temperature for each section independently. The temperature controls (FRZ TEMP CONTROL) are located at the rear of refrigerator section.

- The first time you turn the unit on, set the temperature control to "COLDER" in refrigerator section and "COLDER" in freezer section.
- The range of the temperature controls are from position "COLD" to "COLDER" (COLD being the warmest and COLDER being the coldest). We recommend starting at the mid-point for both the refrigerator and freezer, and after a period of 24 to 48 hours (to allow for cooling) adjust if necessary.



## CARE AND MAINTENANCE

### Cooling system

This refrigerator is inclusive of a “Frost Free” type cooling system, which means you never have to defrost the freezer compartment. Defrosting is done automatically by means of a defrost heating element and a defrost timer factory-programmed to operate (cycle) after approximately 12 hours of continuous compressor cycling. Defrost water goes through the pipe into the water tray of the compressor chamber and gets evaporated by the condensing pipe in the water tray.

### Cleaning

Before cleaning the refrigerator or freezer, always disconnect the refrigerator from the power supply. To clean the inside, use a soft cloth and a solution of a tablespoon baking soda to one quart (4 cups) of water, or a mild soap suds solution or mild detergent. Wash ice cube tray, drip tray, and glide out shelves in a mild detergent solution, then wipe dry with a soft cloth. Clean the outside with a damp soft cloth and some mild detergent or appliance cleaner.

### Setting the Thermostat

THE thermostat setting can be adjusted from Cold (warmest) setting through Colder (coldest) setting in both the refrigerator and freezer. We recommend setting the thermostat at the medium (middle) setting indicated by “0”. However, if you find this setting inadequate for your cooling requirements, adjust as needed by rotating the thermostat knobs. To locate the thermostat control knobs, refer to Features on page 4.

For short vacation periods, leave the control knob at the usual setting. During longer absences;

- a) remove all food.
- b) Disconnect from electrical outlet.
- c) Clean the refrigerator thoroughly, including defrost pan.
- d) Leave the door open to avoid possible formations of condensation, mold, or odors.

### Power Failure

Most power failures are corrected within a couple of hours, and will not affect your refrigerator temperatures. However, you should minimize the number times you open the door while the power is off. During power failures of longer duration, take steps to protect your food, for example, by placing dry ice on top of packages.

### If You Move

Remove, or securely fasten down, all loose items inside the refrigerator. To avoid damaging the leveling legs, turn them all the way into the base.

### Some Important Rules for the Correct USE of the Refrigerator

- Never place hot foods in the refrigerator.
- Beverages should be stored in sealed containers.
- Foods to be stored for a long time should be wrapped in cellophane or polyethylene, or kept in glass containers. Never place spoiled food in the refrigerator.

- Don't overload the refrigerator.
- Don't open the door unless necessary.
- Should the refrigerator be stored without use for long periods, it is suggested, after careful cleaning, to leave the door ajar to allow the air to circulate inside the unit in order to avoid the possible formations of condensation, mold, or odors.

### **Food Storage Suggestions:**

#### **Fresh Food Compartment-**

- Never cover food compartment shelves with aluminum foil or any other shelf covering material which may prevent air circulation.
- Always remove porous store wrapping paper from meats, poultry, and fish. Meats should be wrapped individually and placed in a dish for storage. Wrap fish and poultry in foil or heavy waxed paper. Most fish should be used the same day of purchase. Packaged meats such as ham, bacon, dried beef, or frankfurter, store best in their original packages.
- Allow warm foods to cool to room temperature before placing them in the refrigerator.
- Always cover open dishes of food, especially leftovers. Use leftovers within 2 or 3 days.

#### **Vegetable Crisper**

The tray at the bottom of the refrigerator is covered to retain moisture. The crisper compartment will enable you to store vegetables and fruits which would otherwise dry out rapidly. The humidity level inside the crisper drawer can be controlled by adjusting the "damper" control (white slider) located on the front of the drawer.

## TROUBLESHOOTING

Occasionally, a problem may arise that is minor in nature, and a service call may not be necessary. Use this troubleshooting guide for a possible solution.

PROBLEM	POSSIBLE CAUSE	SOLUTION
1) Unit does not work.	<ul style="list-style-type: none"> <li>· No power to unit.</li> <li>· Power cord is unplugged.</li> <li>· Wrong voltage is being used.</li> </ul>	<ul style="list-style-type: none"> <li>· Check connection of power cord at power source.</li> <li>· Plug in unit.</li> <li>· Use proper voltage.</li> </ul>
2) Refrigerator running too frequently.	<ul style="list-style-type: none"> <li>· Temperature control too high.</li> <li>· Door not closed.</li> <li>· Hot food inserted.</li> <li>· Doors open too long/often.</li> <li>· Close proximity to heat source or direct sunlight.</li> </ul>	<ul style="list-style-type: none"> <li>· Adjust settings as needed.</li> <li>· Close the door securely.</li> <li>· Cool food before inserting.</li> <li>· Minimize door openings/duration.</li> <li>· Do NOT place unit close to heat sources or in direct sunlight.</li> </ul>
3) Internal Temperature too cold.	<ul style="list-style-type: none"> <li>· Temperature control too high.</li> </ul>	<ul style="list-style-type: none"> <li>· Adjust settings as needed.</li> </ul>
4) Internal Temperature not cold enough.	<ul style="list-style-type: none"> <li>· No power to unit.</li> <li>· Power cord is unplugged.</li> <li>· Wrong voltage is being used.</li> <li>· Temperature control too low.</li> <li>· Hot food inserted.</li> <li>· Doors open too long/often.</li> <li>· Air flow obstruction.</li> <li>· Close proximity to heat source or direct sunlight.</li> </ul>	<ul style="list-style-type: none"> <li>· Check connection of power cord at power source.</li> <li>· Plug in unit.</li> <li>· Use proper voltage.</li> <li>· Check/adjust settings as needed.</li> <li>· Cool food before inserting.</li> <li>· Minimize door openings/duration.</li> <li>· Allow room for air to circulate around the unit.</li> <li>· DO NOT place unit close to heat sources or in direct sunlight.</li> </ul>
5) Freezer not cold enough.	<ul style="list-style-type: none"> <li>· Temperature control too low.</li> <li>· Door not closed.</li> <li>· Hot food inserted.</li> <li>· Doors open too long/often.</li> <li>· Wrong voltage is being used.</li> </ul>	<ul style="list-style-type: none"> <li>· Adjust settings as needed.</li> <li>· Close the door securely.</li> <li>· Cool food before inserting.</li> <li>· Minimize door openings/duration.</li> <li>· Use proper voltage.</li> </ul>

<p>6)Light will not work.</p>	<ul style="list-style-type: none"> <li>·No power to unit.</li> <li>·Power cord is unplugged.</li> <li>·Bulb is loose/needs replacing.</li> <li>·Door switch is stuck.</li> </ul>	<ul style="list-style-type: none"> <li>·Check connection of power cord at power source.</li> <li>·Plug in unit.</li> <li>·Tighten or replace bulb.</li> <li>·Check the switck for obstructions, clean if necessary.</li> </ul>
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## WARNING

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

This appliance is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

– WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

– WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

– WARNING: Do not damage the refrigerant circuit.

– WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

